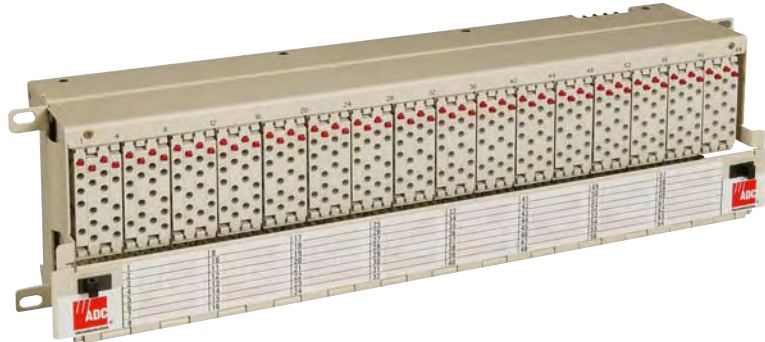


FlexDSX™ Cross-Connect Products



Telecommunication networks are not static. In order to support evolving service offerings, they must evolve in size, shape and complexity. Initial network design should consider the need for expansion and growth. Proper design plays a critical role in determining whether a network is an effective revenue generator, or whether it loses profitability through excess labour costs and missed service opportunities.

FlexDSX™ cross-connect products provide the necessary network flexibility. In addition to linking copper-based electrical network elements, FlexDSX products provide access to active digital circuits for nonintrusive monitoring, test access and patching.

By creating a lineup of skeleton bays and filling the bays with chassis and modules only as needed, you can defer capital expenses until the equipment is ready to create a revenue stream.

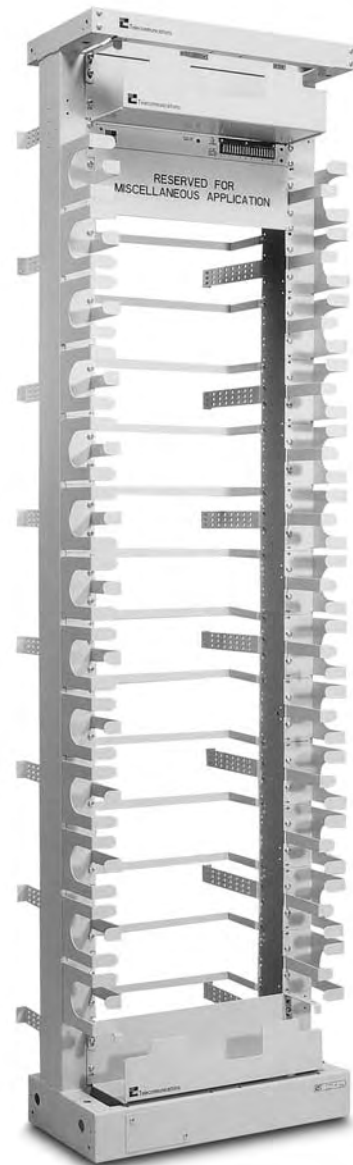
The FlexDSX system presents several key advantages in comparison to standard DDF systems.

- **Floor space saving:** Higher number of terminations per rack contributes to typical floor space savings of up to 50%
- **Maintenance time savings:** Reduce routine maintenance time and troubleshooting during
 - Circuit identification
 - Circuit testing (both out-of-service and in-service)
 - Circuit monitoring
 - Service restoration
 - Implementing new equipment
 - Relocating service to new equipment
- **Long-term connection reliability:** Prevents network downtime and increases quality and service availability

TECHNICAL DATA

Advantages

- **Increased density**
 - Chassis accommodate 56, 64 or 84 terminations
- **Increased functionality**
 - Allows nonintrusive monitoring and testing of both directions of a 2 Mbps signal transmission at a single jack location
 - Provides increased functionality when conducting protocol testing within the network
 - No need to move test equipment to the another test site
 - Tracer LEDs provide fast circuit identification
 - Use of Bay Tracer™ Illuminator in large lineups allows even more efficient circuit identification
 - Simplifies troubleshooting in today's environment of the increasing number of carriers and collocation installations
 - Add or remove network elements without affecting service
- **Increased modularity**
 - Build-as-you-grow: 4-pack module can be installed in the chassis and loaded with individual jack cards as network and service growth require
 - Industry standard patch cords used side-by-side
- **Increased efficiency and flexibility at a central termination point**
 - Localize transmission problems in the network and introduce test signals to determine the nature and extent of errors
 - Make circuit changes easily with minimal recabling and labor, saving both time and labour costs
 - Reroute around failed circuits in a timely manner; a temporary patch restores service and allows time for necessary repairs
 - Incorporate additional network elements and services into the network easily without a major redesign of the physical plant
 - Protect expensive and delicate equipment from damage when making circuit rearrangements



FlexDSX™ Cross-Connect Products

Designed to meet your requirements

The modular FlexDSX system consists of individual jack cards with dual monitor jacks, four-pack modules and the chassis.

FlexDSX chassis accommodate four-port jack cards with dual monitor ports. Using these dual monitor ports, technicians save time by monitoring both sides of a circuit from a single test access point.

The jack card slides into the four-pack module, which is available with industry-standard connection technologies.

- Wire-wrap
- BNC
- 1.6/5.6
- RJ45 (NE and CPE options)
- RJ45 shielded

FlexDSX products are available in two designs to meet the requirements of particular applications.

- Front and rear access: Cross-connect field in the front, IN/OUT equipment field in the rear
- All-front-access: Cross-connect and IN/OUT field on the front
- SMB
- Type 43
- 1.0/2.3
- LSA-PLUS® insulation displacement contact

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4-Pack Module with 1.6/5.6 connectors



4-Pack Module with wire-wrap connectors



4-Pack Module with BNC connectors



4-Pack Module with LSA-PLUS connectors (front and rear)



4-Pack Module with LSA-PLUS connectors (all front access)



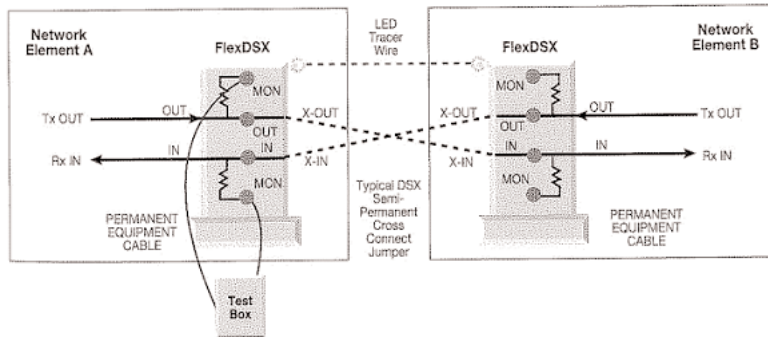
4-Pack Module with wire-wrap connectors (all front access)

Ordering Information

Description	Catalogue Number
Fully-loaded chassis (front / rear)	
5.25" (13.34 cm) high, 19" (48.26 cm), EIA/IEC mounting	
with wire wrap jumper interface	
120 Ohm wire-wrap equipment interface	DFX-100001
BNC Balun equipment interface	DFX-210001
1.6/5.6 Balun equipment interface	DFX-220001
SMB	DFX-230001
Type 43	DFX-240001
1.0/2.3	DFX-250001
M4	DFX-260001
RJ45	DFX-400001
Shielded RJ45	DFX-500001
with LSA-PLUS® jumper interface	
Front and rear LSA-PLUS®	DFX-800008
front LSA-PLUS®, rear BNC Balun equipment interface	DFX-210008
front LSA-PLUS®, rear 1.6/5.6	DFX-220008
front LSA-PLUS®, rear SMB	DFX-230008
front LSA-PLUS®, rear Type 43	DFX-240008
front LSA-PLUS®, rear 1.0/2.3	DFX-250008
front LSA-PLUS®, rear M4	DFX-260008
front LSA-PLUS®, rear RJ45	DFX-400008
front LSA-PLUS®, rear shielded RJ45	DFX-500008
Fully-loaded chassis (all-front-access, 120 Ohm)	
Wire-wrap	DFX-1F0001
LSA-PLUS®	DFX-8F0008

For additional ordering options, please contact your local ADC KRONE representative or the ADC KRONE Technical Assistance Center at +32-2-712-65 42.

FlexDSX™ Application



FlexDSX products provide the convenience and time-saving feature of testing and monitoring the signal in both directions from one location.

TECHNICAL DATA



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For a listing of ADC KRONE's global sales office locations, please refer to our web site.

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